

Applic. No. 10/791,539
Amdt. dated September 29, 2004
Reply to Office action of June 29, 2004

Claim Amendments

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): A housing-shaped shielding plate for shielding an electrical component, ~~including a radio-frequency, optoelectronic transceiver,~~ the housing-shaped shielding plate comprising:

a shielding plate body for shielding the electrical component, said shielding plate body having a first region to be disposed inside a metallic structure, said first region having a plurality of wall sections, and a second region to be inserted through a cutout of the metallic structure, at least one of said plurality of wall sections of said first region of said shielding plate body having at least one elongated opening formed therein being a slot antenna through which electromagnetic waves produced within said shielding plate body are coupled out of said shielding plate body.

Claim 2 (original): The shielding plate according to claim 1, wherein said slot antenna has a length of $\lambda/2$ of the electromagnetic waves emitted.

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Claim 3 (original): The shielding plate according to claim 1, wherein said slot antenna runs in a longitudinal direction of said shielding plate body.

Claim 4 (original): The shielding plate according to claim 1, wherein said slot antenna runs one of transversely and at an angle in relation to a longitudinal direction of said shielding plate body.

Claim 5 (original): The shielding plate according to claim 5, wherein said plurality of wall sections includes side wall sections and said slot antenna extends between opposite edges of one of said side wall sections.

Claim 6 (original): The shielding plate according to claim 1, wherein said slot antenna is a plurality of slot antennas, and said slot antennas have different lengths formed in said shielding plate body.

Claim 7 (original): The shielding plate according to claim 1, including an absorber material for absorbing electromagnetic waves and applied over said elongate openings formed in said shielding plate body.

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Claim 8 (original): The shielding plate according to claim 1, wherein said shielding plate body forms a housing for receiving the electrical component.

Claim 9 (original): The shielding plate according to claim 1, wherein said at least one of said plurality of wall sections is a side wall.

Claim 10 (original): The shielding plate according to claim 1, wherein said at least one of said plurality of wall sections is a rear wall.

Claim 11 (original): The shielding plate according to claim 1, wherein said at least one of said plurality of wall sections is an upper wall.

Claim 12 (original): The shielding plate according to claim 1, wherein said shielding plate body emits electromagnetic waves being coupled out of said shielding plate body and radiated into the interior of the metal structure.

Claim 13 (new): The shielding plate according to claim 1, wherein the electrical component includes an optoelectronic transceiver and said second region has a connector receptacle

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to enable coupling of an optical connector to the optoelectronic transceiver.

Claim 14 (new): A shielding plate assembly comprising:

an electrical component; and

a housing-shaped shielding plate body for shielding said electrical component, said shielding plate body having a first region to be disposed inside a metallic structure, said first region having a plurality of wall sections, and a second region to be inserted through a cutout of the metallic structure, at least one of said plurality of wall sections of said first region of said shielding plate body having at least one elongated opening formed therein being a slot antenna through which electromagnetic waves produced within said shielding plate body are coupled out of said shielding plate body.